

**OBJECTIVE**

Industrial Systems Engineer with specialized training and understanding in the control and monitor of systems engineering. Proven ability to apply manufacturing and mechanical engineering principles to provide feasible solutions for moderately complex engineering projects. Knowledge of testing practices, manufacturing and mechanical procedures. Have helped & improved the productivity and profit margin in Canature WaterGroupTM by 36%.

**EDUCATION****BASc in Industrial Systems Engineering**

University of Regina, May 2014 - May 2019

- Have completed courses in process design, manufacturing and mechanical.
- Surpassed materials flow and streamlining.

**PROJECTS EXPERIENCE****Capstone Engineering Project | Facility Layout streaming and redesigning**

Canature WaterGroupTM, Sep 2018- Apr 2019

- Conceptually optimized and redesigned a facility layout for Canature WaterGroupTM.
- Applied knowledge to machine design through simulation studies, advancing theoretic process engineering, control, operations management, and manufacturing to program elements.
- Advancement of facility's layout via simulation, applied science, and manufacturing principles to enhance the material flow efficiency and scale down costs related to supply chain management and warehouse operations.
- Utilized the current space and eliminated facility waste along with concentration on increasing workplace safety and productivity.

**WORK EXPERIENCE****Ensign Energy Services, Jul 2019- Jan 2020**

Field Operator

Duties:

Performs rig up, down, and operating activities for 12-16 hours per day. This includes the operating of the tongs, slips and spinner hawk to connect and disconnect drilling pipe, tubular and drilling bits or tools. Performs "nippling up or nippling down" of the blowout preventer system. This includes the monitoring and operation of the shakers. Performs general repairs and maintenance on major and minor rig components. Responsible for housekeeping activities on the drilling rig.

**Applus+ Velosi, Feb 2020- Present**

QA/QC Mechanical Inspection Engineer

Duties:

Inspect and assess the quality and strength of welding work. Ensure welds are safe and ready to function as part of the device or structure. Inspect the equipment used and ensure welders adhere to company and state safety regulations. Check the pipeline systems for potential problems. Working with a construction crew and other engineers to examine pipeline systems for faults such as leaks and corrosion, make suggestions to improve systems, and monitor the construction crew to ensure their safety and improve their quality of work. Perform physical work outdoors that requires strong computer skills, adherence to detailed engineering practices, and an understanding of the ins and outs of pipeline systems.

**SKILLS PROFILE****Computer Aided Design (CAD)& Microsoft office:**

- Solid Edge
- SolidWorks
- Finite Element Analysis (FEA)
- Word, Excel, and Power point.

**Certificate:**

- H2S Alive
- First Aid& CPR
- Saudi Council of Engineers
- Certification Scheme for Welding Inspection Personnel (CSWIP 3.1)
- Lean Six Sigma Black Belt (LSSBB)

## PROFESSIONAL REFERENCES

---

Dr. Wei Peng, Ph.D., P.Eng  
Lecturer, Engineering General  
Wei.Peng@uregina.ca, +1-306- 585-4397

Mitch Carlson, P.Eng.  
mitch.carlson@mceconsulting.ca  
+1-306-527-4695